

28. Insert the rubber Heel Pad (T1FTM214) into the molded pocket on the inside of the foot skin under the ankle mounting area, as shown in **Figure 3.33**. The pad should be positioned with the rounded edge away from the sole plate.

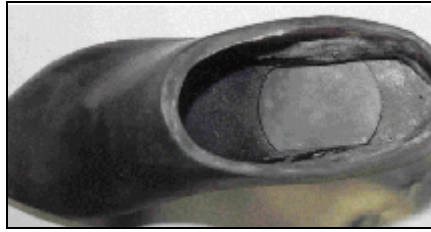


Figure #3.33- Heel Pad Insertion

29. Pass the Achilles Cable behind the Achilles Pulley Wheel which is mounted to the rear of the Lower Tibia Load Cell. Attach the ball end of the Achilles Cable Assembly to the Lower Achilles Mounting Post by sliding the cable section above the ball into the slot on the back of the mounting post, as shown in **Figure 3.34**.



Figure #3.34 - Slide cable ball into slot

30. Allow the ball to move up to the top of the recessed area in the mounting post and secure the cable in place by inserting a #4-40 x 1/2" SHCS {3/32} into the hole on the side of the mounting post, as shown in **Figure 3.35**.

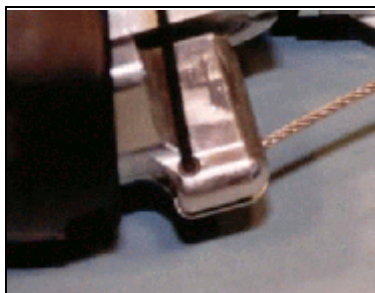


Figure #3.35 - Insert cable locking screw

31. Insert the completed ankle / foot assembly into the foot skin and press the assembly firmly into place within the skin, as shown in **Figure 3.36**.

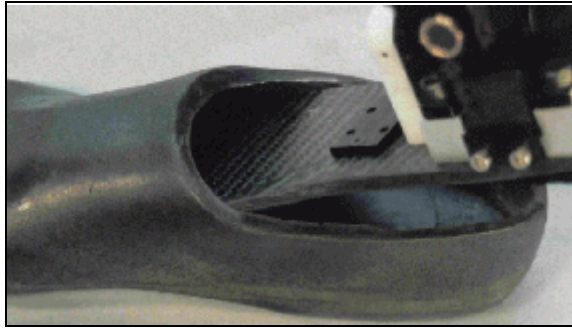


Figure #3.36 - Foot Skin Insertion

32. Attach the Knee Clevis Assembly (T1LLM001) to the top of the Upper Tibia Load Cell using four 1/4-28 x 5/8" SHCS {3/16}, as shown in **Figure 3.37**.

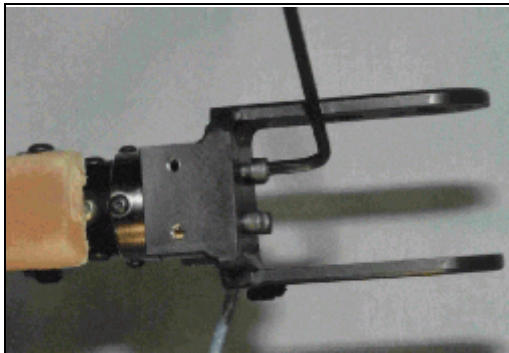


Figure #3.37 - Knee Clevis Assembly

33. Attach the Molded Knee Bumper (T1LLM025) to the front of the Knee Clevis Assembly using two #10-32 x 3/8" B.H.S.C.S., as shown in **Figure 3.38**.

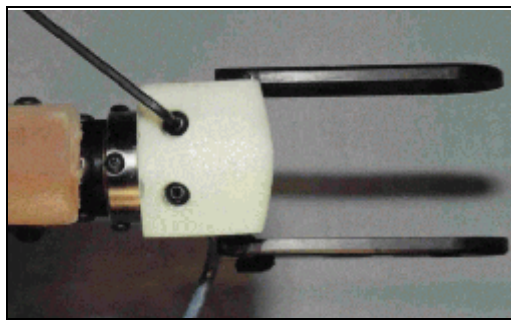


Figure #3.38 - Knee Bumper

34. Position the Molded Knee Bumper (T1LLM025) of the Knee Clevis Assembly (T1LLM001) into the molded pocket located on the upper front interior surface of the tibia skin (T1LLS010 and T1LLS011), as shown in **Figure 3.39**.



Figure 3.39- Insert Knee Bumper and Clevis into the molded pocket of the Tibia Skin

35. Route the wires from the instruments into the two wire channels provided within the tibia skin as shown in **Figure 3.40**. The wires are designed to exit the skin at the top - behind the knee assembly.



Figure #3.40 - Wire Routing in Tibia Skin

36. Zip the tibia skin around the leg to complete the assembly, as shown in **Figure 3.41**..



Figure #3.41 - Completed THOR-LX / HIIIr Foot, Ankle and Lower Leg Assembly